

Mifare virtual network RFID digital locking cylinder WCL-7500



RFID digital locking cylinder is the perfect option for the internal door control in offices buildings. This lock brings high security level. Update between e-Link software an digital locks is done through Mifare card.

This product benefits:

- Easy installation, as simple as replacing the mechanical cylinder by the RFID digital one.
- Adaptable to existing doors, with no need of modification and minimum installation.
- Time access control setting from PC and updated in door.
- Logs download in Mifare card.
- E-Link software fits out access control by time zones and allows downloading event logs in Mifare card.
- Supports up to 64.000 users/doors.

Hardware Description WCL-7500:

- Compatible with Mifare Classic card 13,56 MHz.
- Easy installation, adapted to European doors. For existing doors with no need of mechanization.
- Smart Sleep mode.
- Cylinder size: from 60mm to 120mm (ask models in stock)
- Symmetric or asymmetric cylinder length.
- Battery life: 3 years standby, or 30.000 operations.
- Battery: 3-LR1, 910A, 1.5V x 3pc.
- Card reading distance: up to 30 mm.
- Operation temperature: -20°C ~ 70°C
- Optionally IP54 protection
- Optionally external power supply for batteries.
- Max users: 64.000
- Max doors: 64.000
- Application area: Places with restricted access to different areas.

Description of e-Link system:

e-Link software allows managing access control commands from PC and store then into the Mifare card. Communication between card and PC is updated through any wall reader.

e-Link system controls and manages a maximum of 64.000 doors and 64.000 users. All cylinders access control commands are stored in the Mifare card and access control changes can be updates at any moment in any wall reader.

Software is full equipped with cylinder configurations and with user management, is very easy to manage and brings high security level. Besides, time attendance control can be integrated in the system. With this total solution, WaferLock gives a complete access control, efficient, simply and safe.



System works in an easy way:

- Through PC and RT-7500 each user and cylinder access control data are managed.
- Once access control permissions are charged into the card, the user places the Mifare card to the wall reader of main entrance, and the wall reader updates access control data.
- Next, user goes to office access door and places the card close to the cylinder, updating it with Mifare data card.

In the same way, system works in the opposite direction, by picking up into Mifare card all cylinders' logs. So, access control logs of each cylinder are stored in the Mifare card at the same time the cylinder is updated with user's access permissions. So, a bidirectional system is created saving time and increasing security in an effective, easy and fast way.

e-Link software features:

- Max users: 64.000
- Max doors: 64.000
- User & door: Locking Plan setup
- Easy user profile setup, lock setup, wall controller setup.
- Locks can be programmed or updated user access right through hand held System Programmer.
- Events & Audit trail reports
- Lock low battery warning list
- Door unlock or Alarm warning list
- Issued card log list
- Time Zone: 200. Each time zone can have 12 period
- Ability of setting up Calendar function
- Time Attendance List

System requirements:

- Windows 2000/XP/2003/Vista
- CPU Intel Pentium 1.0GHz+ o AMD Athlon 1000+
- 512 MB RAM
- 100 MB Hard disk space
- CD-ROM or DVD-ROM
- Resolution 1024*768
- Minimum USB Port: 1
- Internet Card (for connection between PC and Wall Controller)
- Internet connection

System programmer RT-7500

- USB port with PC
- Ability to read/write data in Mifare card
- Ability to update User access Rights to locks
- Ability to change lock mode (supports Emergency Open/Close command)
- Ability to initialize the lock
- Smart Auto Power Off after 1 minute off.
- Battery: 1.5V AAA x 3 pc (System programmer use PC's power ir connecting by USB together)



Firmware programming device FD-7500

- USB port with PC
- Ability to upgrade firmware to locks
- Firmware Device Managing System is needed
- Firmware can be updated to lock, reader, controller and Firmware Programming Device
- Smart Auto Power Off after 1 minute suspend
- Battery: 1.5V AAA x 3pc (System Programmer use PC's power if connecting by USB together)

